

# FOWLER® Seido

## PLUMBERS' INSTALLATION INSTRUCTIONS

### For Vitreous China Seido Back Inlet 4.5/3 litre Toilet Pan

PLEASE READ CAREFULLY BEFORE INSTALLATION

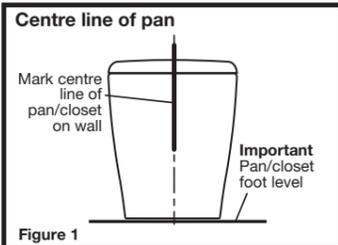


Figure 1

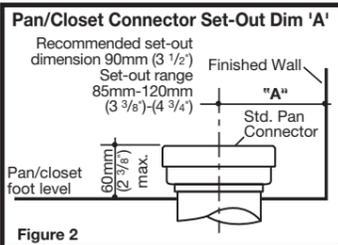


Figure 2

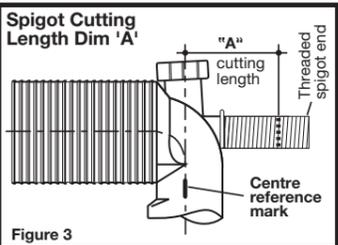


Figure 3

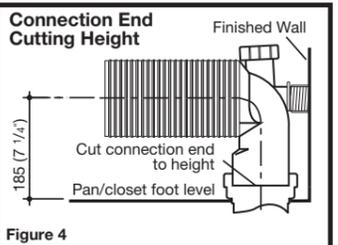


Figure 4

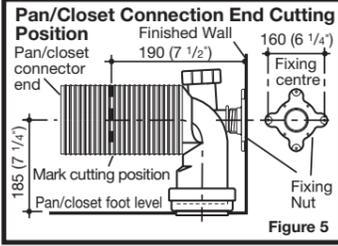


Figure 5

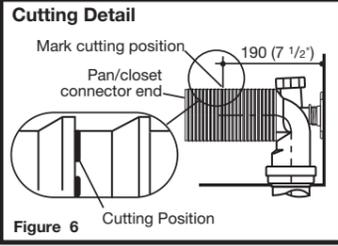


Figure 6

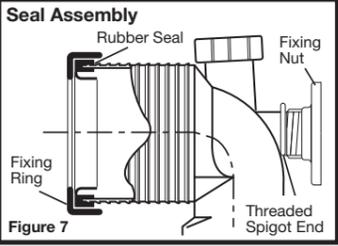


Figure 7

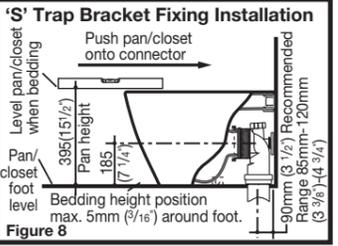


Figure 8

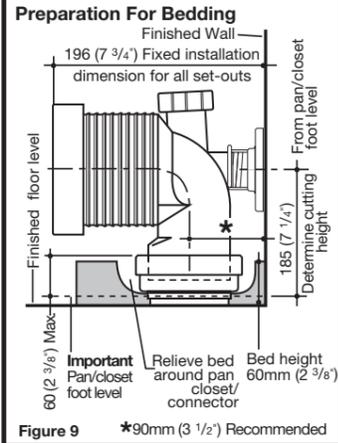


Figure 9

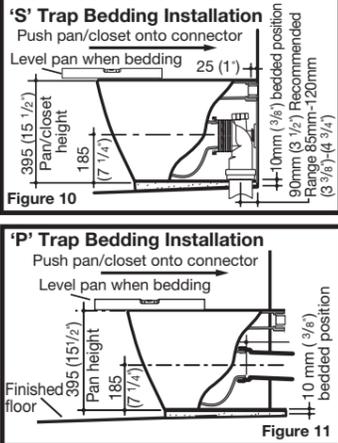


Figure 10

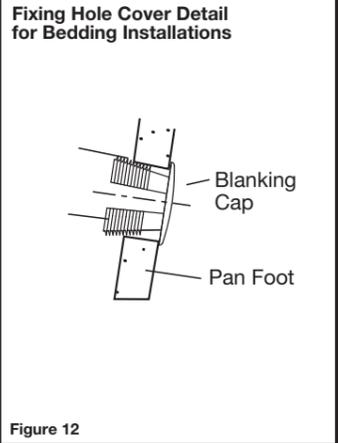


Figure 12

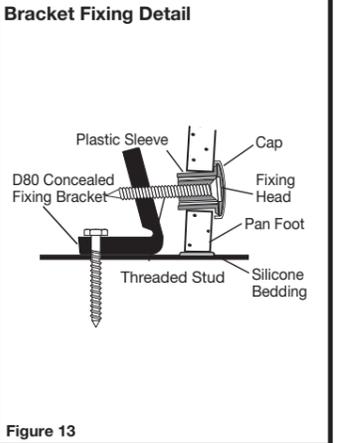


Figure 13

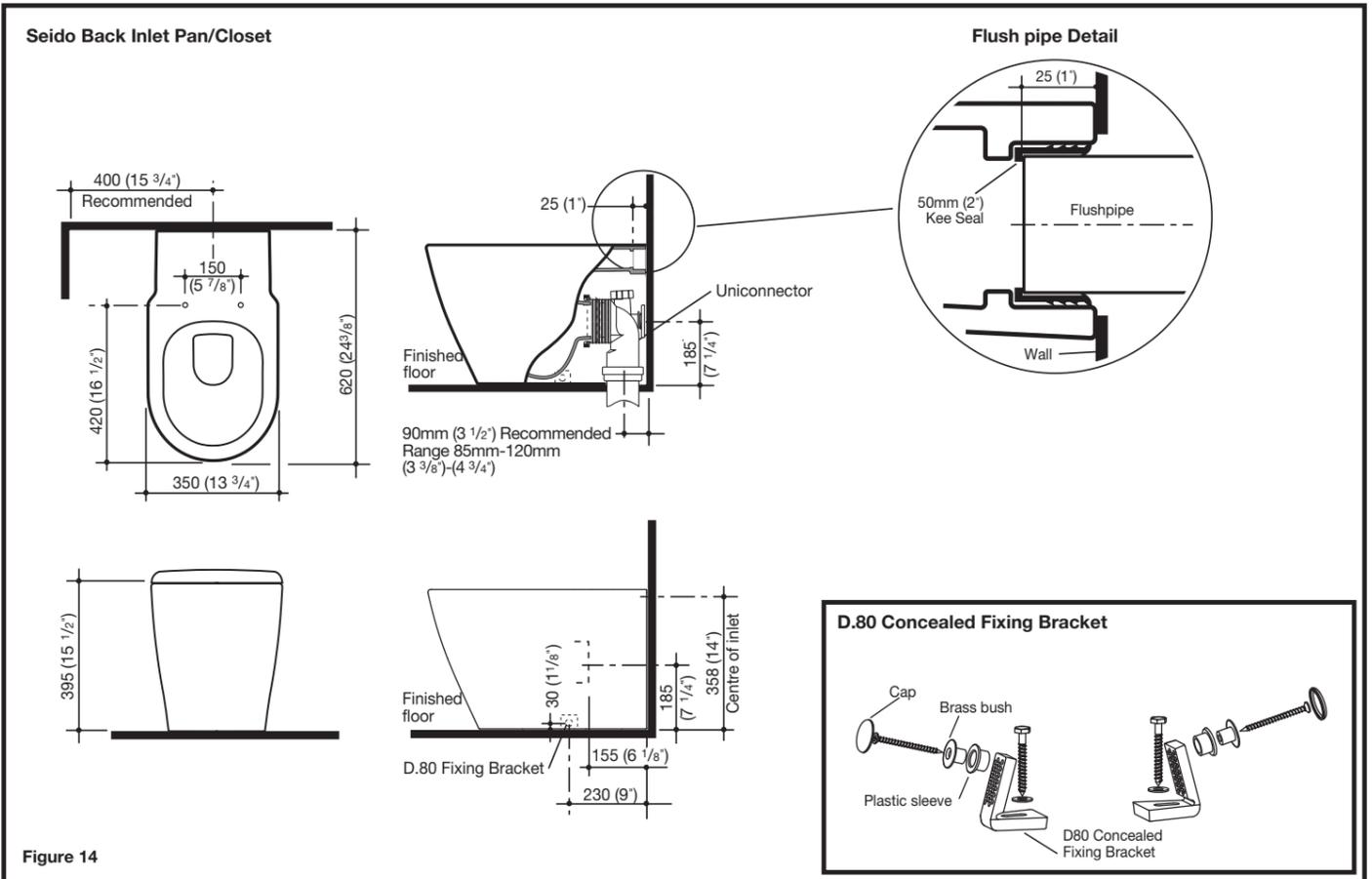


Figure 14

#### ROUGHING IN:

The Seido back inlet pan/closet is universal for both 'S' and 'P'-Trap installations as detailed. The recommended set-out for 'S'-Trap installations is 90mm (3 1/2") from the finished wall with set-out flexibility for existing soil pipe positions ranging from 85mm-120mm (3 3/8")-(4 3/4") with the Uniconnector supplied. It is important to position the pan collar 60mm (2 3/8") Max. from the foot level of pan/closet as detailed in Fig. 2. Position flushpipe in wall as detailed in Fig. 14.

#### 'S'- TRAP CONNECTOR FIXING PROCEDURE

- Uniconnector (supplied) 85mm-120mm (3 3/8")-(4 3/4") set-out range.
- 1- Mark centre line of the pan/closet on finished wall, as detailed in Fig. 1. This is to be used as a guide when connecting the pan/closet.
  - 2- Determine set-out "A" of existing pan/closet connector, as detailed in Fig. 2. Set-out range 85mm-120mm (3 3/8")-(4 3/4"). Recommended set-out 90mm (3 1/2"), as detailed in Fig. 9. For 'P' trap installation, see Fig. 11.
  - 3- Determine and mark the cutting length of the threaded spigot by measuring the set-out dimension "A" from the centre reference mark on the Uniconnector. Cut threaded spigot to size, as detailed in Fig. 3.
  - 4- Fit Uniconnector to pan/closet connector and determine cutting length of connection end to provide standard seal and centre height of 185mm (7 1/4"). Allow 10mm (3/8") for bedding if required. Remove and cut to length, as detailed in Fig. 4.
  - 5- Position fixing nut onto threaded spigot and refit Uniconnector into pan/closet connector. Mark top three centre hole positions of the fixing nut on the finished wall. Determine and mark cutting position of pan/closet connection end 190mm (7 1/2") from finished wall and remove connector, as detailed in Fig. 5.
  - 6- Cut pan/closet connection end at the back of the serration which is nearest to the mark. Remove any rough edges and chamfer with fine file, as detailed in Fig. 6.
  - 7- Drill holes in wall and fit suitable wall fixings.
  - 8- Position rubber seal over the front of the Uniconnector and secure with the fixing ring, as detailed in Fig. 7.
  - 9- Screw fixing nut on to threaded spigot end. Refit Uniconnector into pan/closet collar and secure fixing nut to wall with screws. Lubricate rubber seal with soap solution to aid with pan/closet outlet connection.
  - 10- Prepare for pan/closet fixing method (either bedding or bracket installation) as detailed below.

#### PAN/CLOSET FIXING PROCEDURE

##### Pan/Closet bedding:

- 1- Remove an area of tiles which are within the internal area covered by the foot of the pan/closet to expose the sub floor and provide a bondage key for the bedding mixture.
- 2- Ensure that the bedding area is clean and free of building material.
- 3- Locate and fix cover caps (supplied) into pan/closet fixing holes, as detailed in Fig. 12.
- 4- Prepare bedding sand cement mixture 3:1 to depth of 60mm (2 3/8"), as detailed in Fig. 9.

**Note:** Do not fill the foot of the pan/closet with bedding mix or include lime or fast drying cement into the mix, these may cause cracking in the foot of the pan/closet.

- 5- Position and push pan/closet into connector and flushpipe using the marked centre line on the wall as a guide and level pan into bedding mixture, so that the back of the foot of the pan/closet is approximately 10mm (3/8") above the finished floor, as detailed in Fig. 10 & 11. It is recommended that wedges are used to support the foot of the pan/closet during the positioning.

##### Bracket fixing:

- 1- Position and push pan/closet into connector and flushpipe using the marked centre line on the wall as a guide to ensure that all fittings locate correctly. Remove the pan/closet.
- 2- Locate the D.80 Concealed Fixing bracket (supplied) into position on centre line of pan/closet 230mm (9") from the finished wall and mark bracket fixing hole centres on finished floor.
- 3- Drill two holes in the marked positions on the floor. The hole diameter is dependent on the type of fixing system and floor finish.
- 4- Secure Bracket to finished floor.
- 5- Ensure that the area around the floor is clean and free from building material.
- 6- Run a bead of acetic silicone sealant/caulking at a height of approximately 8mm (5/16") fully around the foot of the pan/closet which contacts the floor. Use Wedges around the foot base (if required) so that the **maximum height of silicone is not greater than 5mm (3/16") on completion of bedding.**
- 7- Connect pan/closet to connector and locate plastic fixing sleeve into holes in the pan/closet. Fit the two fixing bolts through the sleeves into the bracket. Tighten fixing bolts with a 1/4" Allen key (not supplied) to bed pan/closet to floor while ensuring level, as detailed in Fig. 13. **IMPORTANT-DO NOT OVER TIGHTEN, AS THIS MAY CRACK THE PAN/CLOSET FOOT.** Snap on plastic cap (supplied), as detailed in Fig. 13.
- 8- Provide support under the pan/closet foot so that it is maintained in the levelled position while the silicone/caulking sealant sets. Remove any excess sealant/caulking to provide a neat joint between the pan/closet and the floor. Allow at least 24 hours for the silicone sealant/caulking to set before use.

All measurements are subject to accepted manufacturing tolerances. To ensure accuracy please check actual product dimensions before drilling for installation. The manufacturer reserves the right to change specifications at any time without giving prior notification. This product should be installed by a qualified plumber. Local authority, Water Board, and Building Regulations may apply to the installation of this product, and you should consult the appropriate bodies on these requirements.